Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.   (Currently Amended) A holographic recording and reproducing method for recording holographic data in and reproducing holographic data from a holographic recording medium comprising a recording layer in which data are to be recorded as phase information of light by projecting a signal beam and a reference beam emitted from a first light source and having a wavelength $\lambda 0$ thereonto and an optical modulation pattern periodically formed in a direction of a track on a surface located on an opposite side of the recording layer as viewed in a direction of signal beam and reference beam incidence on the holographic recording medium, the holographic recording and reproducing method comprising projecting a light beam for servo control emitted from a second light source and having a wavelength $\lambda 1$ onto the holographic recording medium so as to substantially focus onto the surface on which the optical modulation pattern is formed, thereby generating clock signals in synchronism with the optical modulation pattern, ~~wherein said light beam for servo control is projected during a holographic recording and reproducing process,~~ wherein during recording, the signal beam is projected along a first optical path and the reference beam and the light beam for servo control are projected along a second optical path different than the first optical path.

2.   (Previously Presented) A holographic recording and reproducing method in accordance with Claim 1, wherein a spot diameter of the light beam on the surface on which the optical modulation pattern is formed is smaller than a period of the optical modulation pattern.

3.   (Currently Amended)   A holographic recording method for recording holographic data in a holographic recording medium comprising a recording layer in which data

are to be recorded as phase information of light by projecting a signal beam and a reference beam emitted from a first light source and having a wavelength λ0 thereonto and an optical modulation pattern periodically formed in a direction of a track on a surface located on an opposite side of the recording layer as viewed in a direction of signal beam and reference beam incidence on the holographic recording medium, the holographic recording method comprising projecting a light beam for servo control emitted from a second light source and having a wavelength λ1 onto the holographic recording medium so as to substantially focus onto the surface on which the optical modulation pattern is formed, thereby generating clock signals in synchronism with the optical modulation pattern, sequentially recording phase information along the track, and shifting a record position along the track every integer multiple of a period of the optical modulation pattern, wherein said light beam for servo control is projected during a holographic recording and reproducing process, wherein during recording, the signal beam is projected along a first optical path and the reference beam and the light beam for servo control are projected along a second optical path different than the first optical path.

4.   (Currently Amended) A holographic reproducing method for reproducing holographic data from a holographic recording medium comprising a recording layer in which data and a test pattern for obtaining noise information are to be recorded as phase information of light by projecting a signal beam and a reference beam emitted from a first light source and having a wavelength λ0 thereonto and an optical modulation pattern periodically formed in a direction of a track on a surface located on an opposite side of the recording layer as viewed in a direction of signal beam and reference beam incidence on the holographic recording medium, the holographic reproducing method comprising projecting a light beam for servo control emitted from a second light source and having a wavelength λ1 onto the holographic recording medium so as to substantially focus onto the surface on which the optical modulation pattern is formed, thereby generating clock signals in synchronism with the optical modulation pattern, projecting a reference beam onto the holographic recording medium, reproducing an image recorded in the holographic recording medium, and removing noise components due to the optical modulation

pattern from the thus reproduced image, ~~wherein said light beam for servo control is projected during a holographic recording and reproducing process~~.

       5.   (Currently Amended) A holographic reproducing method for reproducing holographic data from a holographic recording medium in accordance with Claim 4, wherein the noise components are removed by recording a ~~predetermined~~ test pattern in the holographic recording medium as the phase information, reproducing the test pattern to obtain noise information and calculating a difference between the noise information and the reproduced image.

       6-7.   (Canceled)

       8.   (New) A holographic recording and reproducing method in accordance with Claim 1, wherein said light beam for servo control is projected during the holographic recording and reproducing process.

       9.   (New) A holographic reproducing method for reproducing holographic data from a holographic recording medium comprising a recording layer in which a test pattern for obtaining noise information is recorded as phase information of light, the holographic reproducing method comprising:

       reproducing the test pattern to obtain noise information due to an optical modulation pattern;

       reproducing an image recorded in the holographic recording medium;

       calculating a difference between the noise information and the reproduced image; and

       removing noise components from the thus reproduced image.